

BIOMÉRIEUX

# GENE-UP<sup>®</sup> PRO QUANT SALMONELLA

Quickly Quantify *Salmonella*



Your Trusted Partner in Augmented Diagnostics

PIONEERING DIAGNOSTICS

# MAKE SMARTER DECISIONS, FASTER. RELIABLE RESULTS IN LESS THAN 4 HOURS.

Quantifying *Salmonella* is crucial because it helps assess contamination levels and implement targeted interventions before products reach consumers. By measuring bacterial load rather than just detecting its presence, food producers can make informed, data-driven decisions that improve food safety. This approach also enables added economic value by optimizing sanitation efforts, and improving overall operational efficiency.

Validated across a range of raw meat and poultry product matrices, GENE-UP® PRO QUANT SALMONELLA brings efficiency and ease with accurate quantification of *Salmonella*, empowering data-driven responses to *Salmonella* risks.

## How It Works



Sample Preparation



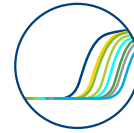
Spin & Concentrate



Semi-automated DNA extraction



Transfer to PCR tube, Place in GENE-UP®



Accurate Quantitative Results

SAMPLE PREP & DNA EXTRACTION: ~1.5 HOURS

PCR & DATA ANALYSIS: 2.5 HOURS

## GENE-UP® PRO QUANT SALMONELLA Impact

A Fresh Approach for Poultry, Beef, and Turkey

### THE SCIENCE

- Accurate counts up to 4 logs
- AOAC-approved quantification method
- No enrichment, incubation, or dilutions
- Results in less than 4 hours

### THE IMPACT

- Reliable quantification for better contamination control
- Stay ahead of evolving regulatory landscape
- Saves time, reduces complexity, lowers costs, and removes enrichment bias
- Faster decision-making, improved efficiency, and treatment adjustments



## Study Recognizes GENE-UP® PRO QUANT SALMONELLA Accuracy in *Salmonella* Detection for Poultry<sup>1</sup>

According to a recent JFP article "Evaluation of Methods for Identifying Poultry Wing Rinses With *Salmonella* Concentrations Greater Than or Equal to 10 CFU / mL", GENE-UP® PRO QUANT SALMONELLA correctly identifies poultry rinses with *Salmonella* concentrations  $\geq 10$  CFU / mL at approximately the same rate as MPN.

Additionally, other methods evaluated underestimated *Salmonella* concentrations by  $> 1$  log CFU / mL.



### ORDERING INFORMATION

GENE-UP® PRO QUANT SALMONELLA  
IS1129 | 96 Assays



ACCESS THE  
STUDY DATA

[biomerieux.com/poultry-rinses-salmonella](https://biomerieux.com/poultry-rinses-salmonella)



LEARN MORE ABOUT GENE-UP®  
PRO QUANT SALMONELLA

[biomerieux.com/quant-salmonella](https://biomerieux.com/quant-salmonella)

1. Schmidt et al. J Food Prot, 2024 Sep 18;87(11):100362. doi: 10.1016/j.jfp.2024.100362.